Application No.: 09/051,547

Amendment Dated August 12, 2005 Reply to Office Action of April 1, 2005

## **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A picture decoding and coding apparatus comprising:

a picture coding apparatus including <u>a picture coding unitmeans of coding operable to code pictures and providing provide</u> a picture identifier for each picture as an I, P or B picture,

<u>a</u> priority providing <u>unitmeans</u> <u>operable to correlate</u> each coded picture with a priority identifier which is independent of the picture identifier, and

 $\underline{a}$  transmission control  $\underline{unit}_{means}$  of  $\underline{transmitting}_{operable}$  to  $\underline{transmit}_{operable}$  or  $\underline{storing}_{operable}$  the coded pictures with the priority identifiers, and

a picture decoding apparatus including <u>a reception control unitmeans of operable to</u> receiving receive or reading read the coded pictures, and

<u>a</u> picture decoding <u>unitmeans of decoding operable to decode</u> the coded pictures with the priority identifiers,

wherein each priority identifier is used <u>by the picture decoding apparatus</u> to determine whether each picture should be processed or not be processed <del>by the picture decoding means</del> according to a processing capacity of the picture decoding apparatus, and each priority identifier is used independently of the picture identifiers and independently of whether the picture is an I, P or B picture.

- 2.-19. (Cancelled)
- 20. (Currently Amended) A picture coding apparatus comprising:

Application No.: 09/051,547

Amendment Dated August 12, 2005 Reply to Office Action of April 1, 2005

<u>a</u> picture coding means of codingunit operable to code pictures and <u>providing provide</u> a picture identifier for each picture as an I, P or B picture[[,]],

<u>a</u> priority providing means of correlatingunit operable to correlate each coded picture with a priority identifier which is independent of the picture identifier[[,]]; and

<u>a</u> transmission control means of transmittingunit operable to transmit or storing store the coded pictures with the priority identifiers to a picture decoding apparatus,

wherein each priority identifier is used <u>by the picture decoding apparatus</u> to determine whether each picture should be processed or not be processed <del>by the picture decoding apparatus according to a processing capacity of the picture decoding apparatus and each priority identifier is used independently of the picture identifiers and independently of whether the picture is an I, P or B picture.</del>

21. (Currently Amended) A picture decoding apparatus comprising:

<u>a</u> reception control <u>means of receivingunit operable to receive</u> or <u>reading read picture</u> identifiers identifying an I, P or B picture for coded pictures with priority identifiers transmitted from a picture coding apparatus, and each picture; and

<u>a</u> picture decoding <u>means of decodingunit operable to decode</u> the coded pictures with the priority identifiers,

wherein each priority identifier is independent of the picture identifiers and is used by the picture decoding apparatus to determine whether each picture should be processed or not be processed by the picture decoding means according to a processing capacity of the picture decoding apparatus and each priority identifier is used independently of the picture identifiers and independently of whether the picture is an I, P or B picture.

22. (Withdrawn) A sound coding apparatus comprising sound coding means for coding sound information, and transmission control means for transmitting or recording coded various information,

Application No.: 09/051,547

Amendment Dated August 12, 2005 Reply to Office Action of April 1, 2005

wherein the coded various information is delivered to a sound decoding apparatus comprising reception control means for receiving coded various information, sound decoding means for decoding the received various information, and output means for delivering the decoded sound.

- 23. (Cancelled)
- 24. (Currently Amended) A picture decoding and coding apparatus comprising:

a picture coding apparatus including;

<u>a</u> picture coding <del>means of codingunit operable to code</del> pictures and <del>providing</del> provide a picture identifier for each picture as an I, P or B picture,

<u>a</u> priority providing <u>means of correlatingunit operable to correlate</u> each coded picture with a priority identifier which is independent of the picture identifier, and

<u>a</u> transmission control means of transmittingunit operable to transmit or storing store the coded pictures with the priority identifiers, and

a picture decoding apparatus including;

<u>a</u> reception control <u>means of receivingunit operable to receive</u> or <u>reading-read</u> the coded pictures, and

<u>a</u> picture decoding <u>means of decodingunit operable to receive</u> the coded pictures with the priority identifiers,

wherein each priority identifier is used <u>by the picture decoding apparatus</u> to determine whether each picture should be processed or not be processed <del>by the picture decoding means</del> according to a processing load of the picture decoding apparatus <u>and each priority identifier is used independently of the picture identifiers and independently of whether the picture is a I, P <u>or B picture</u>.</u>

Application No.: 09/051,547 Amendment Dated August 12, 2005

Reply to Office Action of April 1, 2005

## 25. (Currently Amended) A picture coding apparatus comprising:

<u>a</u> picture coding <u>means of codingunit operable to code</u> pictures and <u>providing provide</u> a picture identifier for each picture as an I, P or B pictures;

<u>a</u> priority providing <del>means of correlatingunit operable to correlate</del> each coded picture with a priority identifier which is independent of the picture identifier; and

<u>a</u> transmission control means of transmittingunit operable to transmit or storing store the coded pictures with the priority identifiers to a picture decoding apparatus,

wherein each priority identifier is used <u>by the picture decoding apparatus</u> to determine whether each picture should be processed or not be processed <del>by the picture decoding means</del> according to a processing load of the picture decoding apparatus, <u>and each priority identifier is used independently of the picture identifiers and independently of whether the picture is an I, P or B picture.</u>

## 26. (Currently Amended) A picture decoding apparatus comprising:

<u>a</u> reception control <u>means of receivingunit operable to receive</u> or <u>reading read</u> picture identifiers identifying an I, P or B picture for coded pictures with priority identifiers transmitted from a picture coding apparatus, and each picture; and

<u>a</u> picture decoding <u>means of decodingunit operable to decode</u> the coded pictures with the priority identifiers,

wherein each priority identifier is independent of the picture identifiers and is used <u>by</u> the picture decoding apparatus to determine whether each picture should be processed or not be processed <del>by the picture decoding means</del> according to a processing load of the picture decoding apparatus, and each priority identifier is used independently of the picture identifiers and independently of whether the picture is an I, P or B picture.

## 27. (Currently Amended) A picture decoding and coding apparatus comprising:

Application No.: 09/051,547

Amendment Dated August 12, 2005 Reply to Office Action of April 1, 2005

a picture coding apparatus including;

<u>a picture coding unit operable to code pictures and providing provide</u> a picture identifier for each picture as an I, P or B picture,

<u>a</u> priority providing <u>means of correlatingunit operable to correlate</u> each coded picture with a priority identifier which is independent of the picture identifier, and

<u>a</u> transmission control <u>means of transmittingunit operable to transmit</u> or <u>storing store</u> the coded pictures with the priority identifiers, and

a picture decoding apparatus including;

<u>a</u> reception control means of receivingunit operable to receive or reading read the coded pictures, and

<u>a picture decoding means of decodingunit operable to decode</u> the coded pictures with the priority identifiers,

wherein each priority identifier is used <u>by the picture decoding apparatus</u> to determine whether each picture should be processed or not be processed <del>by the picture decoding means</del> when the picture decoding apparatus is overloaded, <u>and each priority identifier is used independently of the picture identifiers and independently of whether the picture is an I, P or B picture</u>.

28. (Currently Amended) A picture coding apparatus comprising:

<u>a</u> picture coding <u>means of codingunit operable to code</u> pictures and <u>providing provide</u> a picture identifier for each picture as an I, P or B picture;

<u>a</u> priority providing <del>means of correlatingunit operable to correlate</del> each coded picture with a priority identifier which is independent of the picture identifier; and

Application No.: 09/051,547 Amendment Dated August 12, 2005

Reply to Office Action of April 1, 2005

a transmission control means of transmittingunit operable to transmit or storing store the coded pictures with the priority identifiers to a picture decoding apparatus,

wherein each priority identifier is used by the picture decoding apparatus to determine whether each picture should be processed or not be processed when the picture decoding apparatus is overloaded, and each priority identifier is used independently of the picture identifiers and independently of whether the picture is an I, P or B picture.

29. (Currently Amended) A picture decoding apparatus comprising:

a reception control means of receivingunit operable to receive or reading read picture identifiers identifying an I, P or B picture for coded pictures with priority identifiers transmitted from a picture coding apparatus, and each picture; and

a picture decoding means of decodingunit operable to decode the coded pictures with the priority identifiers,

wherein each priority identifier is independent of the picture identifiers and is used by the picture decoding apparatus to determine whether each picture should be processed or not be processed by the picture decoding means when the picture decoding apparatus is overloaded, and each priority identifier is used independently of the picture identifiers and independently of whether the picture is an I, P or B picture.

30.-31. (Cancelled)

- 32. (New) A picture decoding and coding apparatus according to claim 1, wherein the priority identifiers provided for the I pictures include at least two different levels of priority.
- 33. (New) A picture decoding and coding apparatus according to claim 1, wherein the priority identifiers provided for inter-frame coded pictures and intra-frame coded pictures include a first priority level and a second priority level, respectively, which are different from each other.
- 34. (New) A picture coding apparatus according to claim 20, wherein the priority identifiers Page 7 of 13

Application No.: 09/051,547

Amendment Dated August 12, 2005 Reply to Office Action of April 1, 2005

provided for the I pictures include at least two different levels of priority.

35. (New) A picture coding apparatus according to claim 20, wherein the priority identifiers provided for inter-frame coded pictures and intra-frame coded pictures include a first priority level and a second priority level, respectively, which are different from each other.

36. (New) A picture decoding apparatus according to claim 21, wherein the priority identifiers provided for the I pictures include at least two different levels of priority.

37. (New) A picture decoding and coding apparatus according to claim 21, wherein the priority identifiers provided for inter-frame coded pictures and intra-frame coded pictures include a first priority level and a second priority level, respectively, which are different from each other.

- 38. (New) A picture decoding and coding apparatus according to claim 24, wherein the priority identifiers provided for the I pictures include at least two different levels of priority.
- 39. (New) A picture decoding and coding apparatus according to claim 24, wherein the priority identifiers provided for inter-frame coded pictures and intra-frame coded pictures include a first priority level and a second priority level, respectively, which are different from each other.
- 40. (New) A picture coding apparatus according to claim 25, wherein the priority identifiers provided for the I pictures include at least two different levels of priority.
- 41. (New) A picture coding apparatus according to claim 25, wherein the priority identifiers provided for inter-frame coded pictures and intra-frame coded pictures include a first priority level and a second priority level, respectively, which are different from each other.
- 42. (New) A picture decoding apparatus according to claim 26, wherein the priority identifiers provided for the I pictures include at least two different levels of priority.
- 43. (New) A picture decoding apparatus according to claim 26, wherein the priority identifiers provided for inter-frame coded pictures and intra-frame coded pictures include a first

Application No.: 09/051,547

Amendment Dated August 12, 2005 Reply to Office Action of April 1, 2005

priority level and a second priority level, respectively, which are different from each other.

44. (New) A picture decoding and coding apparatus according to claim 27, wherein the priority identifiers provided for the I pictures include at least two different levels of priority.

45. (New) A picture decoding and coding apparatus according to claim 27, wherein the priority identifiers provided for inter-frame coded pictures and intra-frame coded pictures include a first priority level and a second priority level, respectively, which are different from each other.

- 46. (New) A picture coding apparatus according to claim 28, wherein the priority identifiers provided for the I pictures include at least two different levels of priority.
- 47. (New) A picture coding apparatus according to claim 28, wherein the priority identifiers provided for inter-frame coded pictures and intra-frame coded pictures include a first priority level and a second priority level, respectively, which are different from each other.
- 48. (New) A picture decoding apparatus according to claim 29, wherein the priority identifiers provided for the I pictures include at least two different levels of priority.
- 49. (New) A picture decoding apparatus according to claim 29, wherein the priority identifiers provided for inter-frame coded pictures and intra-frame coded pictures include a first priority level and a second priority level, respectively, which are different from each other.